

Table 1. Potential Sources of New Water Inflow and Storage For Indian Creek Reservoir (Source: STPUD, 2002)

Master Plan Component No.	Proposed Changes in Use of West Fork Carson River Water Rights	Potential Additional Inflow (acre-feet per year)	Comments
18	Route Mud Lake winter flows through ICR. Under water rights belonging to Nevada users, winter flows are currently routed through the Millich Ditch/Indian Creek system system to Mud Lake, Nevada. STPUD proposes to reach agreement to route these flows through Snowshoe Thompson Ditch and ICR.	3,200	Would involve construction of treatment wetlands downstream of ICR to mitigate increased outflow of phosphorus.
19	Wheel Alpine Decree irrigation water through ICR. Water belonging to Alpine County irrigators would be routed to ICR for storage early in the growing season, and would be released later in the same year for irrigation when river flows are too low to support diversions. Irrigators would use recycled water from STPUD to meet their early season requirements.	1,000-7,000	
25	Transfer additional water rights to storage in ICR. Additional water rights owned by STPUD or other parties could be stored in ICR.	500-1,000	STPUD is proposing to acquire the Heise ranch (northeast of ICR) and associated water rights.
	Total Potential Added Inflow	4,700-11,200	